



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

D3282-041

Job Sheet 200936



Part No: D3282-041

Job Qty: 8 pcs

Part Name: Float Web (206L/407)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/19/19

Job Tracking No:

Due Date: 10/10/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV D IPP Rev:B 05.09.23 Procedure change KJ/JLM IPP REV:C 11.09.20 remove LPS as per dwg  
revD DD verf:JLM

Ship Via:

## Bill of Materials

## Job Routing

| Op<br>No | Operation         | Qty      | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier      |              | Sign-off        |
|----------|-------------------|----------|------------|-------------|--------------|------------|--------------------------|--------------|-----------------|
|          |                   |          |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter /<br>Supplier | Lead<br>Time |                 |
| 100      | Skidtubes - 1     | 8<br>pcs | 10/10/19   |             | 0.00         | 1.33       | Skidtubes - 1            |              |                 |
|          |                   |          |            |             |              |            | Skidtubes - 2            |              |                 |
|          |                   |          |            |             |              |            | Skidtubes - 3            |              |                 |
|          |                   |          |            |             |              |            | Skidtubes - 4            |              | TF              |
|          |                   |          |            |             |              |            | Skidtubes - 5            |              |                 |
|          |                   |          |            |             |              |            | Skidtubes - 6            |              |                 |
|          |                   |          |            |             |              |            | Skidtubes - 7            |              |                 |
| 110      | HAAS 4 Axis - B4B | 8<br>pcs | 10/10/19   |             | 0.31         | 13.11      | HAAS - 1 - B4B           |              |                 |
|          |                   |          |            |             |              |            | HAAS - 2 - B4B           |              |                 |
|          |                   |          |            |             |              |            | HAAS - 3 - B4B           |              |                 |
|          |                   |          |            |             |              |            | HAAS - 4 - B4B           |              | 2nd of 11/10/21 |
| 130      | QC 8              | 8<br>pcs | 10/10/19   |             | 0.00         | 0.00       | QC 8 - 12                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 14                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 17                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 20                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 25                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 3                 |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 32                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 33                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 35                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 39                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 4                 |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 44                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 45                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 49                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 58                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 8                 |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 9                 |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 68                |              |                 |
|          |                   |          |            |             |              |            | QC 8 - 67                |              |                 |



Container No: S219825



Part: D3282-041

Job No: 200936

Serial No/Batch: S219825

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaero.com

Date: 10/04/19

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|                                   |       |          |      |      |                           |              |
|-----------------------------------|-------|----------|------|------|---------------------------|--------------|
| 140 Handfinish - 1-1 Chemical-B4B | 8 pcs | 10/10/19 | 0.00 | 1.86 | QC 8 - 1 (A)              |              |
|                                   |       |          |      |      | QC 8 - 47                 |              |
|                                   |       |          |      |      | QC 8 - 40                 |              |
|                                   |       |          |      |      | QC 8 - 52                 |              |
|                                   |       |          |      |      | QC 8 - 23                 |              |
|                                   |       |          |      |      | QC 8 - 57                 | SBL 19/10/22 |
|                                   |       |          |      |      | QC 8 - 76                 |              |
|                                   |       |          |      |      | Handfinish - 1 - 1 - B4B  | BEB 19-10-23 |
|                                   |       |          |      |      | Handfinish - 1 - 2 - B4B  |              |
|                                   |       |          |      |      | Handfinish - 1 - 3 - B4B  |              |
|                                   |       |          |      |      | Handfinish - 1 - 4 - B4B  |              |
|                                   |       |          |      |      | Handfinish - 1 - 5 - B4B  |              |
|                                   |       |          |      |      | Handfinish - 1 - 6 - B4B  |              |
|                                   |       |          |      |      | Handfinish - 1 - 7 - B4B  |              |
| 150 QC 7                          | 8 pcs | 10/10/19 | 0.00 | 0.00 | Handfinish - 1 - 8 - B4B  |              |
|                                   |       |          |      |      | Handfinish - 1 - 9 - B4B  |              |
|                                   |       |          |      |      | Handfinish - 1 - 10 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 11 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 12 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 13 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 14 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 15 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 16 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 17 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 18 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 19 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 20 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 21 - B4B |              |
|                                   |       |          |      |      | Handfinish - 1 - 22 - B4B |              |
|                                   |       |          |      |      | QC 7 - 10                 |              |
|                                   |       |          |      |      | QC 7 - 13                 |              |
|                                   |       |          |      |      | QC 7 - 14                 |              |
|                                   |       |          |      |      | QC 7 - 15                 |              |
|                                   |       |          |      |      | QC 7 - 17                 |              |
|                                   |       |          |      |      | QC 7 - 18                 |              |
|                                   |       |          |      |      | QC 7 - 19                 |              |
|                                   |       |          |      |      | QC 7 - 2                  |              |
|                                   |       |          |      |      | QC 7 - 28                 |              |
|                                   |       |          |      |      | QC 7 - 3                  |              |
|                                   |       |          |      |      | QC 7 - 30                 |              |
|                                   |       |          |      |      | QC 7 - 34                 |              |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |                        |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------|------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 13 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 14 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 15 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 16 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 17 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 18 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 19 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 20 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 21 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 22 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 23 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 24 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 25 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 26 - B4B | 00   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 27 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 28 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 29 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 30 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 31 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 32 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 33 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 34 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 35 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | Packaging 3 - 36 - B4B |      |
| 190 QC 21 - SA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 8                      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | pcs                    |      |
| 10/10/19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  | 0.00                   | 0.00 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | QC 21 - SA - 21        | DAS  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | QC 21 - SA - 70        | 21   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | QC 21 - SA - 53        | 9-59 |
| Part Op 100 - (Skidtubes) 1-Cut to length as per Dwg D3282. 2- inspect for surface damage as per QSI0018<br>Descriptions: 110 - (HAAS CNC Vertical Machine) 1-Machine as per Folio FA579 & Dwg D3282 2-Debur<br>130 - (QC8- Inspect parts - second check)<br>140 - (Chemical Conversion Coat per QSI005 4.1)<br>150 - (QC7-Inspect Chemical Conversion Coat)<br>160 - (Skidtubes) 1-Install doublers as per Dwg D3282.<br>170 - (QC5- Inspect part completeness to step on W/O)<br>180 - (Identify as per dwg & Stock Location: _____) LOCATION : LG002<br>190 - (QC21- Final Inspection - Work Order Release) |  |  |  |                        |      |

## Job BOM

| Part / Item  | Component Name | Quantity       | Operation               | Container            |
|--------------|----------------|----------------|-------------------------|----------------------|
| D2792-130    | Extrusion      | 8 pcs (1 ea)   | 100-Skidtubes - 1       | B128109              |
| D3283-1      | Doubler        | 16 pcs (2 ea)  | 160-Skidtubes - 2 - B4B | 5102258x6 5218758x10 |
| MS20470AD4-7 | RIVET          | 456 Ea (57 ea) | 160-Skidtubes - 2 - B4B | 5225618              |

## Job Allocations

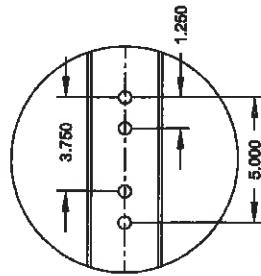
| Operation               | Component Part | Required | Inventory | Allocated |
|-------------------------|----------------|----------|-----------|-----------|
| 100-Skidtubes - 1       | D2792-130      | 8        | 32        | 0         |
| 160-Skidtubes - 2 - B4B | D3283-1        | 16       | 6         | 0         |
|                         | MS20470AD4-7   | 456      | 1,352     | 0         |

## Part Specifications

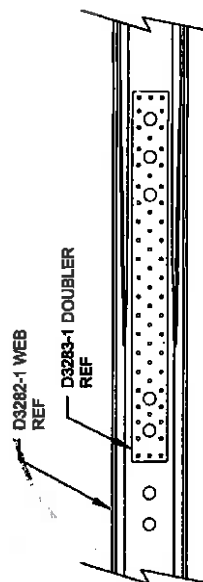
| Spec No | Description | Target/Tolerance          | Limits             | Type | Special Comments |
|---------|-------------|---------------------------|--------------------|------|------------------|
| 1       | Float Web   | 126.600inches $\pm$ 0.010 | 126.610<br>126.590 |      |                  |
| 2       | Float Web   | 1.500inches $\pm$ 0.010   | 1.510<br>1.490     |      |                  |
| 3       | Float Web   | 3.000inches $\pm$ 0.010   | 3.010<br>2.990     |      |                  |
| 4       | Float Web   | 6.000inches $\pm$ 0.010   | 6.010<br>5.990     |      |                  |
| 5       | Float Web   | 1.250inches $\pm$ 0.010   | 1.260<br>1.240     |      |                  |
| 6       | Float Web   | 30.000inches $\pm$ 0.010  | 30.010<br>29.990   |      |                  |
| 7       | Float Web   | 1.500inches $\pm$ 0.010   | 1.510<br>1.490     |      |                  |
| 8       | Float Web   | 72.010inches $\pm$ 0.030  | 72.040<br>71.980   |      |                  |
| 9       | Float Web   | 61.750inches $\pm$ 0.030  | 61.780<br>61.720   |      |                  |
| 10      | Float Web   | 57.500inches $\pm$ 0.030  | 57.530<br>57.470   |      |                  |
| 11      | Float Web   | 49.190inches $\pm$ 0.030  | 49.220<br>49.160   |      |                  |
| 12      | Float Web   | 43.940inches $\pm$ 0.030  | 43.970<br>43.910   |      |                  |
| 13      | Float Web   | 39.690inches $\pm$ 0.030  | 39.720<br>39.660   |      |                  |
| 14      | Float Web   | 26.680inches $\pm$ 0.030  | 26.710<br>26.650   |      |                  |
| 15      | Float Web   | 0.550inches $\pm$ 0.030   | 0.580<br>0.520     |      |                  |
| 16      | Float Web   | 1.970inches $\pm$ 0.010   | 1.980<br>1.960     |      |                  |
| 17      | Float Web   | 2.380inches $\pm$ 0.030   | 2.410<br>2.350     |      |                  |
| 18      | Float Web   | 0.050inches $\pm$ 0.030   | 0.080<br>0.020     |      |                  |

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|     |                             |   |          |      |      |                        |         |
|-----|-----------------------------|---|----------|------|------|------------------------|---------|
|     |                             |   |          |      |      | QC 7 - 36              |         |
|     |                             |   |          |      |      | QC 7 - 37              |         |
|     |                             |   |          |      |      | QC 7 - 41              |         |
|     |                             |   |          |      |      | QC 7 - 47              |         |
|     |                             |   |          |      |      | QC 7 - 48              |         |
|     |                             |   |          |      |      | QC 7 - 51              |         |
|     |                             |   |          |      |      | QC 7 - 58              |         |
|     |                             |   |          |      |      | QC 7 - 59              |         |
|     |                             |   |          |      |      | QC 7 - 60              |         |
|     |                             |   |          |      |      | QC 7 - 9               |         |
|     |                             |   |          |      |      | QC 7 - 68              |         |
|     |                             |   |          |      |      | QC 7 - 50              |         |
|     |                             |   |          |      |      | QC 7 - 67              |         |
|     |                             |   |          |      |      | QC 7 - 40              |         |
|     |                             |   |          |      |      | QC 7 - 24              |         |
|     |                             |   |          |      |      | QC 7 - 43              |         |
|     |                             |   |          |      |      | QC 7 - 61              |         |
|     |                             |   |          |      |      | QC 7 - 81              |         |
|     |                             |   |          |      |      | QC 7 - 76              | TF      |
| 160 | Skidtubes - 2 - B4B         | 8 | 10/10/19 | 0.00 | 2.00 | Skidtubes - 1 - B4B    | DD TF   |
|     | pcs                         |   |          |      |      | Skidtubes - 2 - B4B    |         |
|     |                             |   |          |      |      | Skidtubes - 3 - B4B    |         |
|     |                             |   |          |      |      | Skidtubes - 4 - B4B    |         |
|     |                             |   |          |      |      | Skidtubes - 5 - B4B    |         |
|     |                             |   |          |      |      | Skidtubes - 6 - B4B    |         |
|     |                             |   |          |      |      | Skidtubes - 7 - B4B    |         |
| 170 | QC 5                        | 8 | 10/10/19 | 0.00 | 0.00 | QC 5 - 10              |         |
|     | pcs                         |   |          |      |      | QC 5 - 12              |         |
|     |                             |   |          |      |      | QC 5 - 17              |         |
|     |                             |   |          |      |      | QC 5 - 18              | BE mach |
|     |                             |   |          |      |      | QC 5 - 19              |         |
|     |                             |   |          |      |      | QC 5 - 22              |         |
|     |                             |   |          |      |      | QC 5 - 24              |         |
|     |                             |   |          |      |      | QC 5 - 3               |         |
|     |                             |   |          |      |      | QC 5 - 43              |         |
|     |                             |   |          |      |      | QC 5 - 49              |         |
|     |                             |   |          |      |      | QC 5 - 51              |         |
|     |                             |   |          |      |      | QC 5 - 58              |         |
|     |                             |   |          |      |      | QC 5 - 68              |         |
|     |                             |   |          |      |      | QC 5 - 9               |         |
|     |                             |   |          |      |      | QC 5 - 50              |         |
|     |                             |   |          |      |      | QC 5 - 30              |         |
|     |                             |   |          |      |      | QC 5 - 40              |         |
|     |                             |   |          |      |      | QC 5 - 61              |         |
|     |                             |   |          |      |      | QC 5 - 81              |         |
| 180 | Packaging 3-1 - Stock - B4B | 8 | 10/10/19 | 0.00 | 0.00 | Packaging 3 - 1 - B4B  |         |
|     | pcs                         |   |          |      |      | Packaging 3 - 2 - B4B  |         |
|     |                             |   |          |      |      | Packaging 3 - 3 - B4B  |         |
|     |                             |   |          |      |      | Packaging 3 - 4 - B4B  |         |
|     |                             |   |          |      |      | Packaging 3 - 5 - B4B  |         |
|     |                             |   |          |      |      | Packaging 3 - 6 - B4B  |         |
|     |                             |   |          |      |      | Packaging 3 - 7 - B4B  |         |
|     |                             |   |          |      |      | Packaging 3 - 8 - B4B  |         |
|     |                             |   |          |      |      | Packaging 3 - 9 - B4B  |         |
|     |                             |   |          |      |      | Packaging 3 - 10 - B4B |         |
|     |                             |   |          |      |      | Packaging 3 - 11 - B4B |         |
|     |                             |   |          |      |      | Packaging 3 - 12 - B4B |         |



**D3282-041 WEB**



**DETAIL D**

**DETAIL C**

**NOTE: RIVET HOLES/DOUBLER  
NOT SHOWN FOR CLARITY**

RELEASED  
2011-09-12

200936MLS  
19-09-19

|            |                                                        |                                                                                                                                                    |          |
|------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| D          | ADD ADDITIONAL HOLE (ZIN D6-1; REMOVE LPS-3 (ZIN C3-1) | SC                                                                                                                                                 | 11.05.05 |
| G          | REMOVE D3380-1, NOW MACHINED                           | CP                                                                                                                                                 | 06.08.09 |
| B          | MOVE HOLES, ADD D3380-1 DOUBLERS                       | CP                                                                                                                                                 | 05.03.16 |
| A          | NEW ISSUE                                              | CP                                                                                                                                                 | 04.05.09 |
| REV.       | DESCRIPTION                                            | BY                                                                                                                                                 | DATE     |
| DESIGN     | CP                                                     | <b>DART AEROSPACE USA, INC</b><br>PORT HADLOCK, WA                                                                                                 |          |
| DRAWN      | SC                                                     |                                                                                                                                                    |          |
| CHECKED    | GP                                                     |                                                                                                                                                    |          |
| MFG. APPR. | GP                                                     |                                                                                                                                                    |          |
| APPROVED   | GP                                                     |                                                                                                                                                    |          |
| DE APPR.   | WEB                                                    | NTS                                                                                                                                                | SCALE    |
| DATE       | 11.05.05                                               | COPYRIGHT © 2004 BY DART AEROSPACE USA, INC<br>THIS DOCUMENT IS UNCLASSIFIED<br>IT MAY BE USED FOR ANY PURPOSE OR IN ANY MANNER WITHOUT PERMISSION |          |

NOTES:

- 1) MAKE D3282-1 WEB FROM D2792-130 EXTRUSION  
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK ALL SHARP EDGES 0.010 TO 0.020  
6) IDENTIFICATION: IDENTIFY WITH PIN "D3282-041" PER QSI 044 & 1 (FINE POINT PERMANENT INK MARKER)  
7) WEIGHT: 20.0 lbs  
8) SEE PAGE 2 FOR MACHINING DETAILS

Entered: \_\_\_\_\_ Date: \_\_\_\_\_

# WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only



|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| Job: _____<br>Part No. _____                                                                                                                                                                                                                                                                                                                                                        |             | <b>DISPOSITION</b><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> |  | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/> Cross tube <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/><br>Machining <input type="checkbox"/> Small Fab <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/><br>Large Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/><br>Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |  |  |  |  |  |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                              | Sequence #: | QTY Affected :                                                                                                                |  | MRB (QS1042)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                    |             |                                                                                                                               |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  | Completed By                                                                                                                                                                                                                                                                                           |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  | Lead hand / Supervisor                                                                                                                                                                                                                                                                                 |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                               |  | QC / QA Coordinator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| <b>FAULT CATEGORY</b>                                                                                                                                                                                                                                                                                                                                                               |             |                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| <b>Root Cause</b><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |             |                                                                                                                               |  | Contamination <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Incomplete/Unclear Instructions <input type="checkbox"/><br>Drill Holes <input type="checkbox"/><br>Fit/Function <input type="checkbox"/>                                                                                                                                                                                                                |  |  |  |  |  | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain Direction <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set/Set-up <input type="checkbox"/> |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                               |  | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/><br>Mislabeled <input type="checkbox"/>                                                                                                                                                                                                                                              |  |  |  |  |  | Positioned Wrong <input type="checkbox"/><br>Outside Tolerance <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Misread <input type="checkbox"/>                                                       |  |  |  |  |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                      |             |                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |